

Fig. 1A

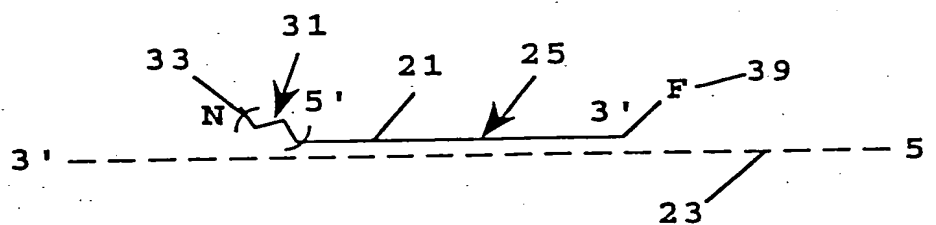


Fig. 1B

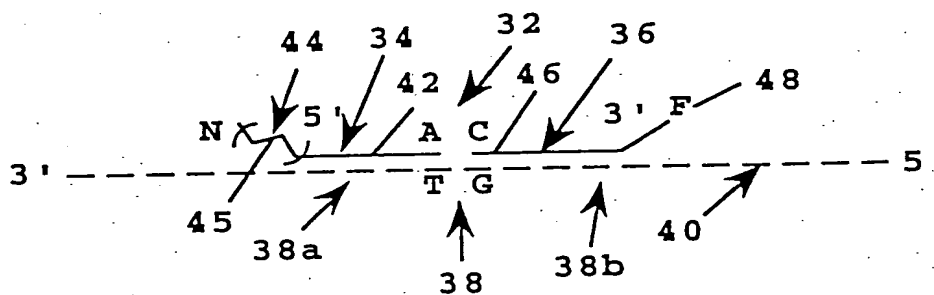


Fig. 1C

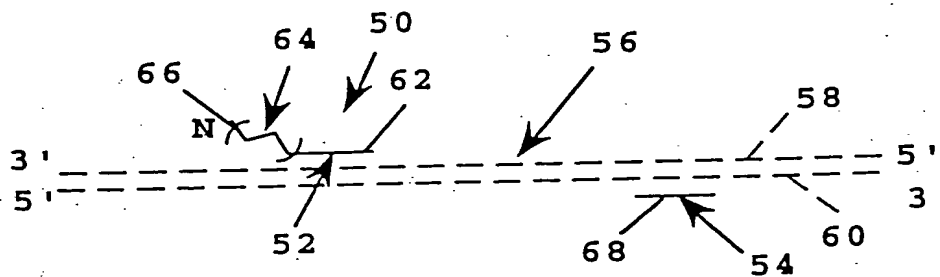


Fig. 1D

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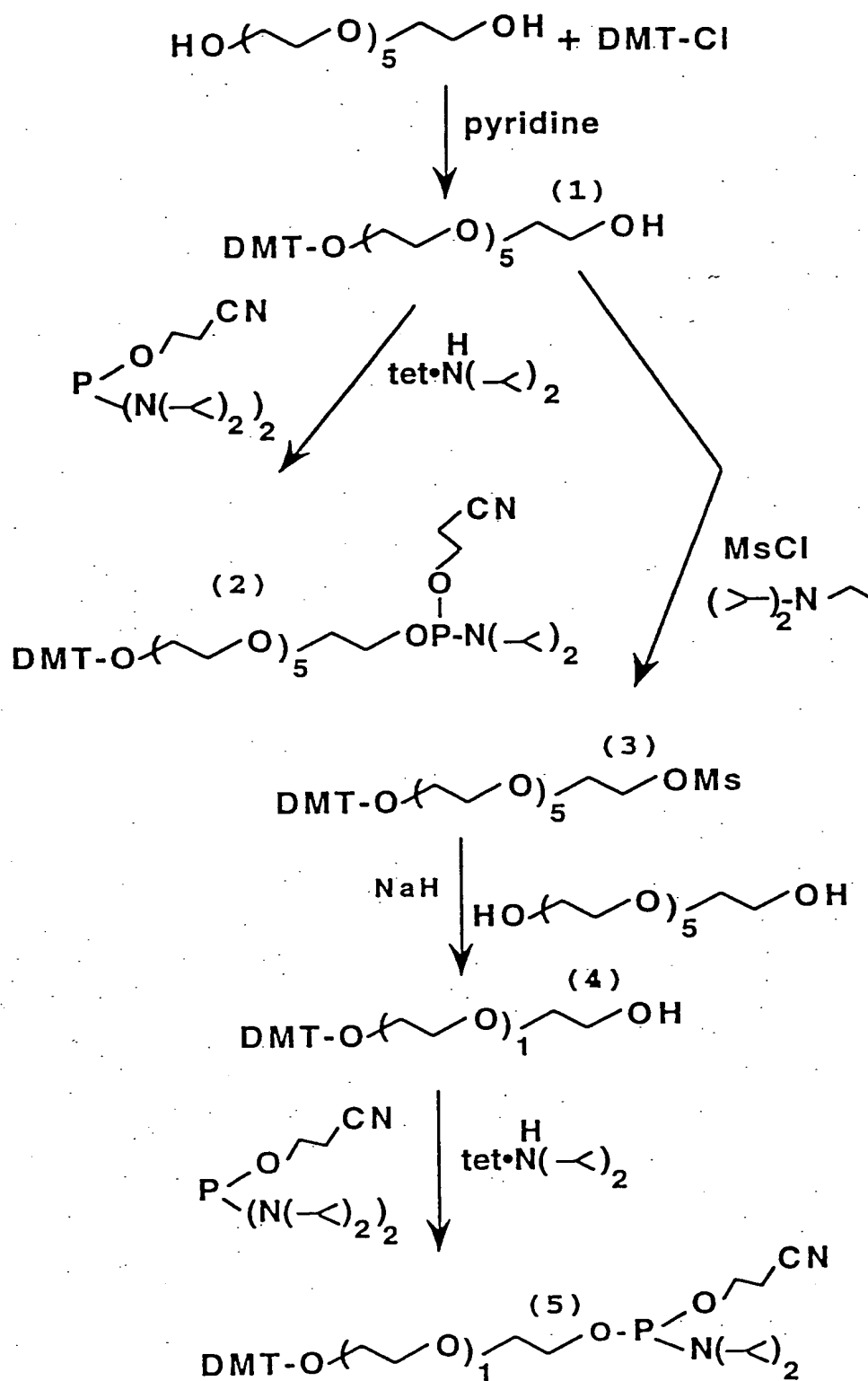


Fig. 2

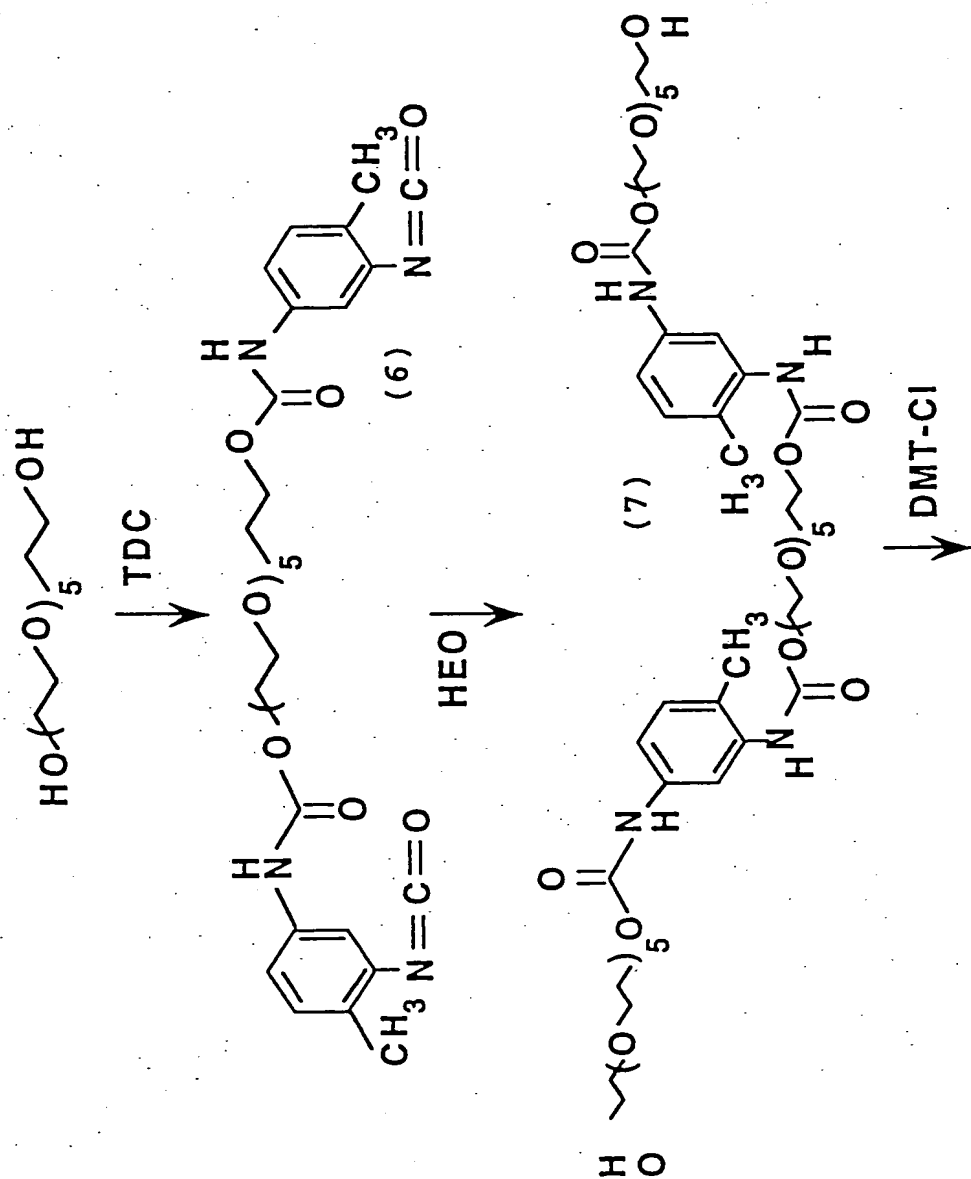


Fig. 3A

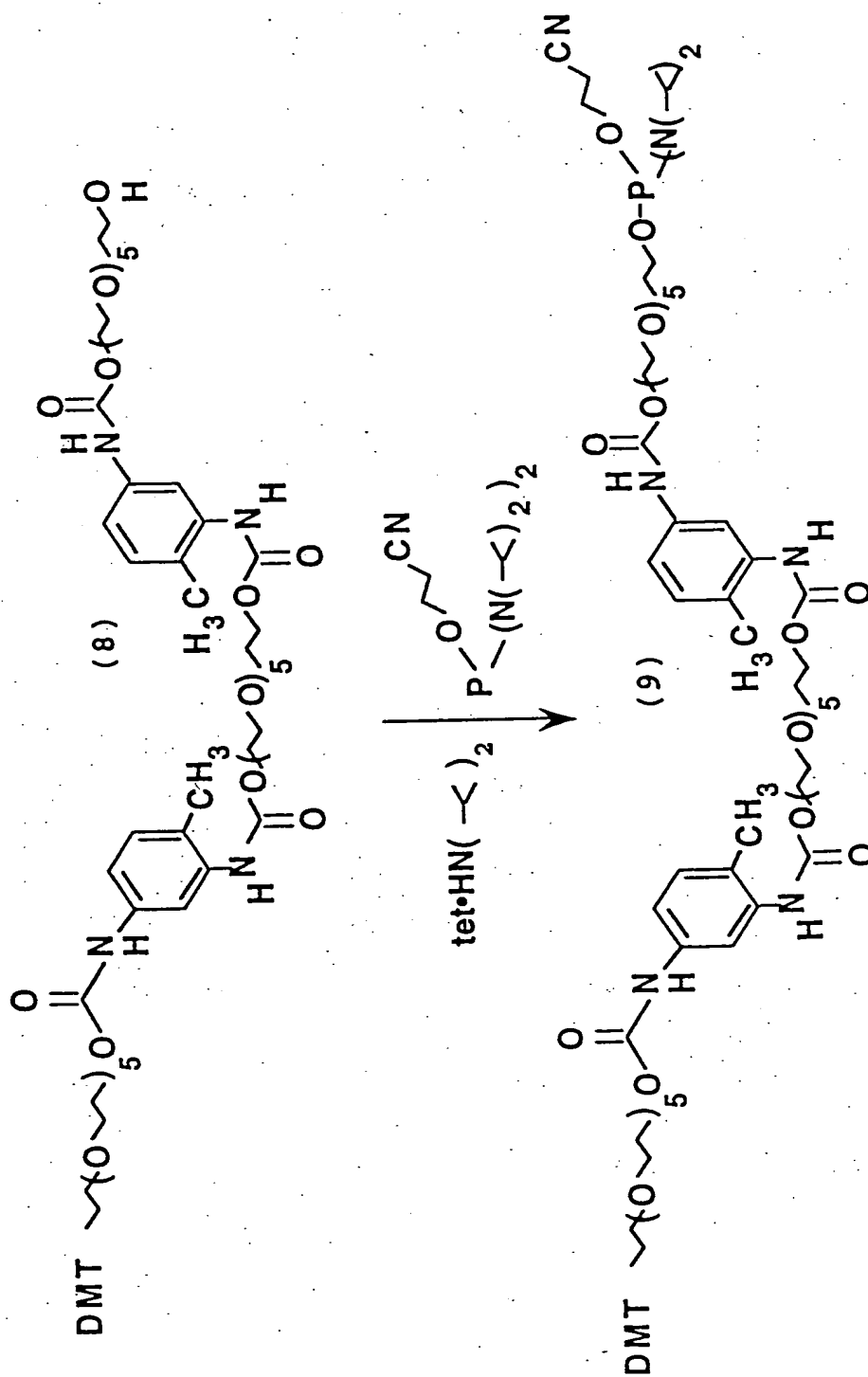
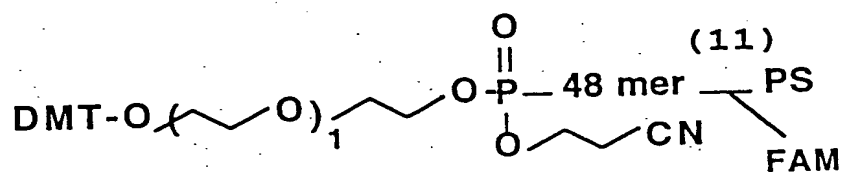
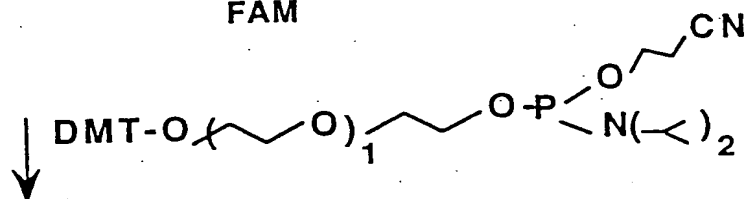


Fig. 3B

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(10)

5'
GCA CCA TTA AAG AAA ATA TCA TCT TTG GTG
TTT CCT ATG ATG AAT ATA — PS
3' FAM



↓ Cleave
Deprotect

↓ CH₃CO₂H

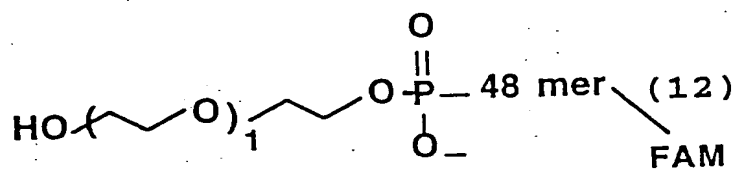


Fig. 4A

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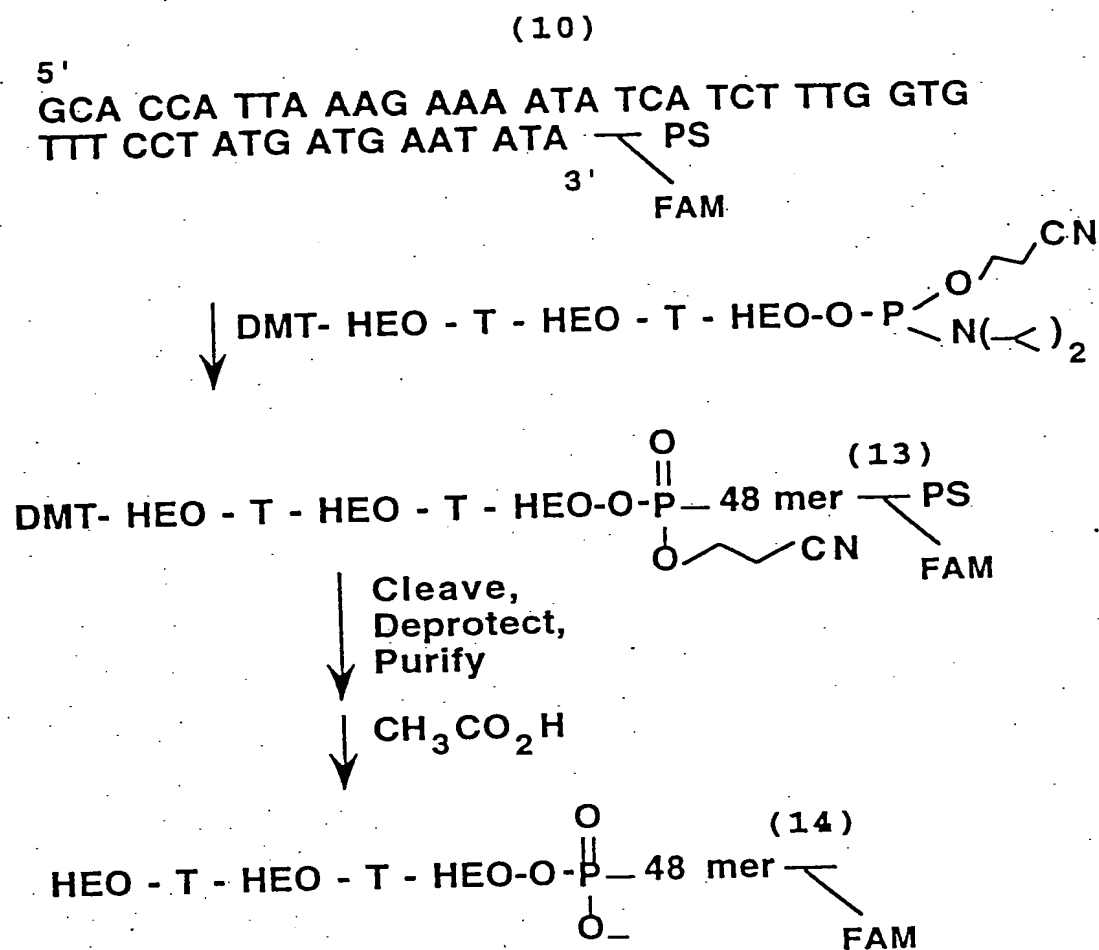


Fig. 4B

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5' (15) 3'
TTG GTG TTT CCT ATG ATG AAT ATA — LAN-T - CPG

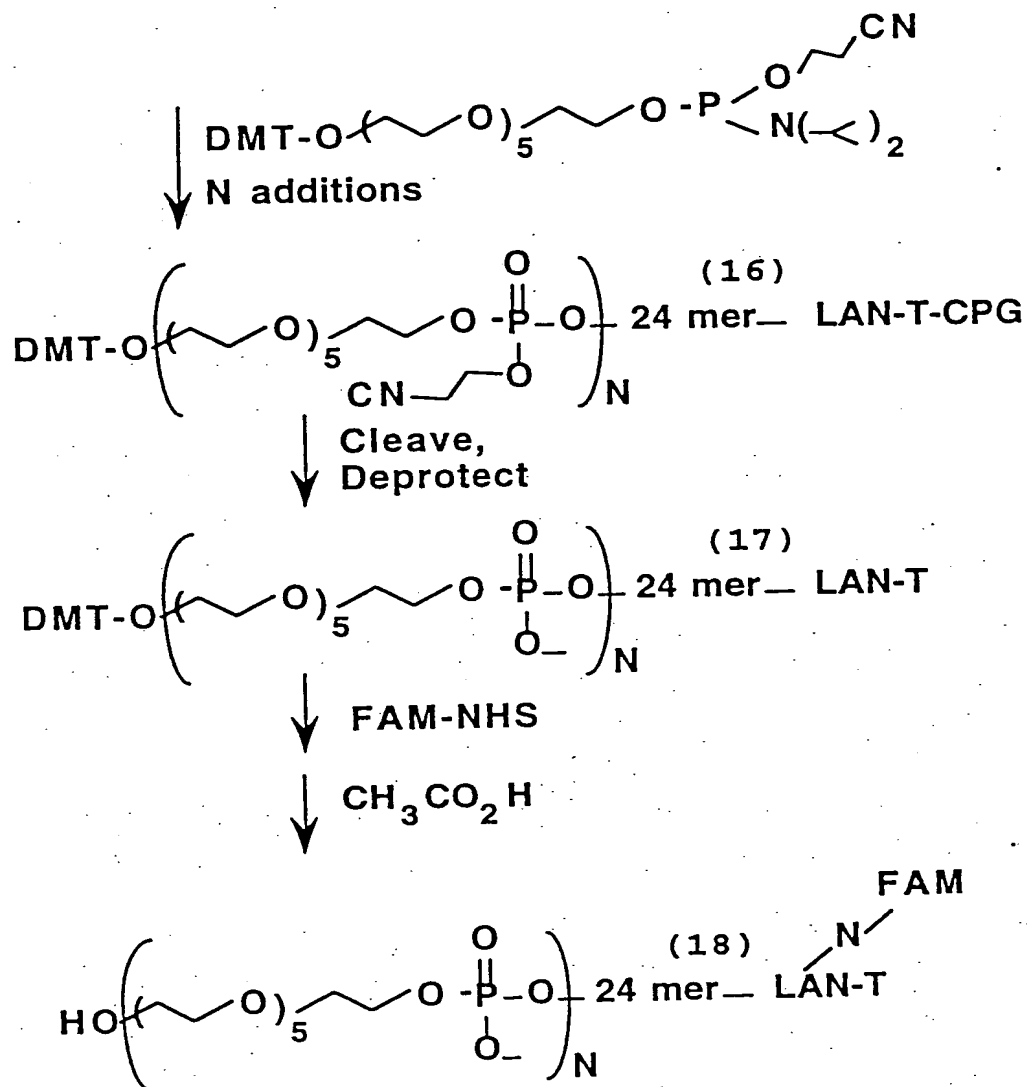


Fig. 5

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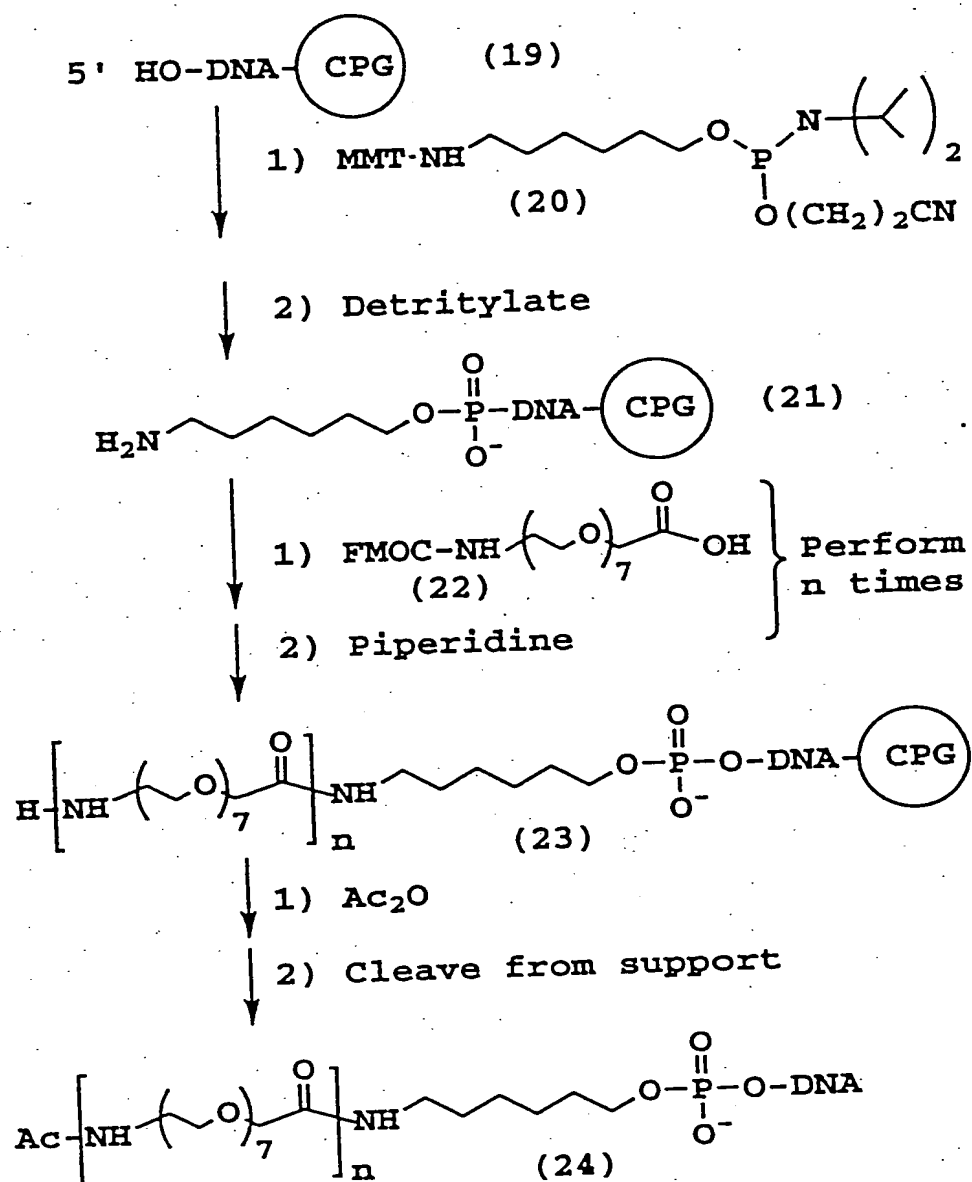


Fig. 6

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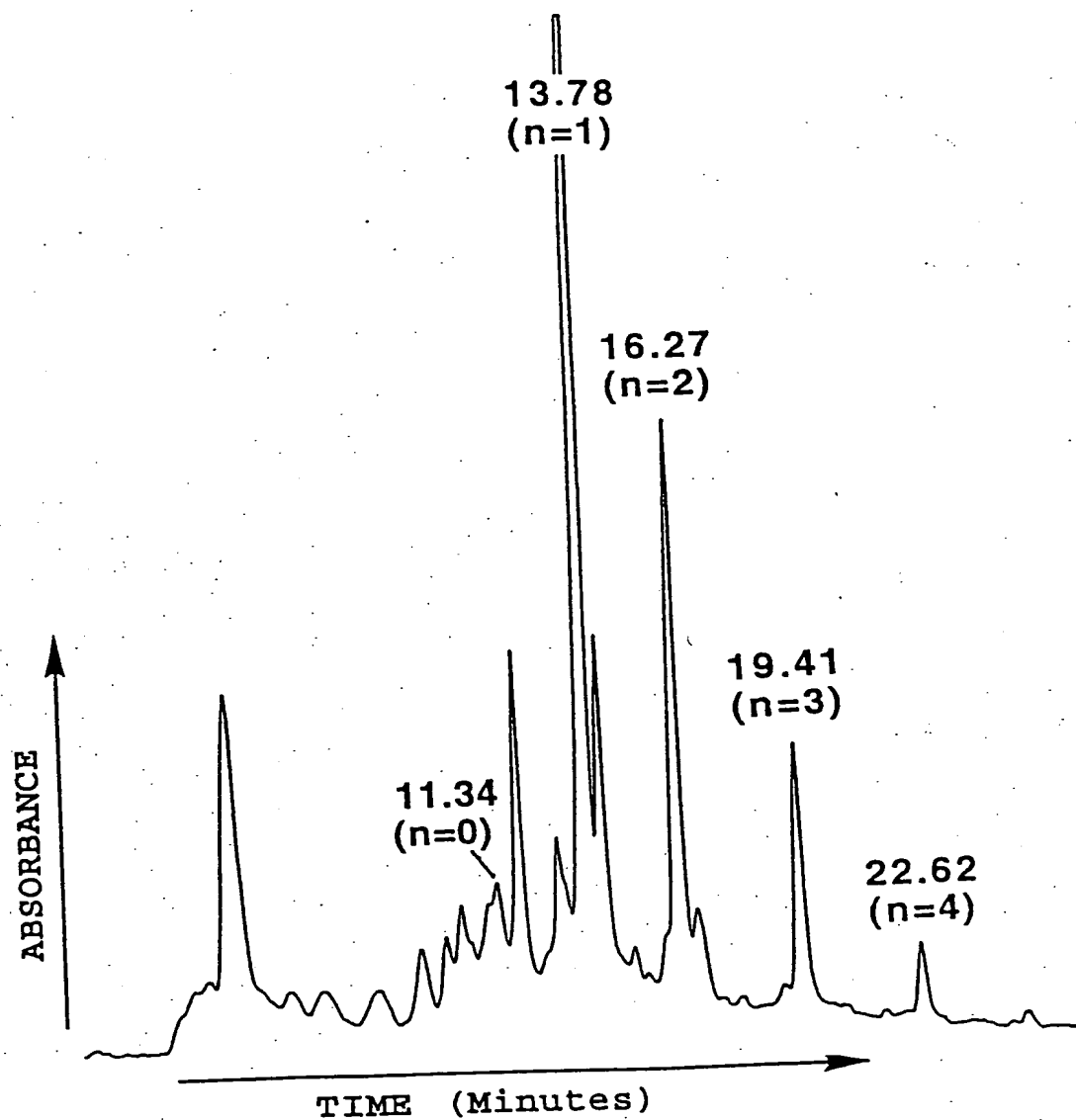
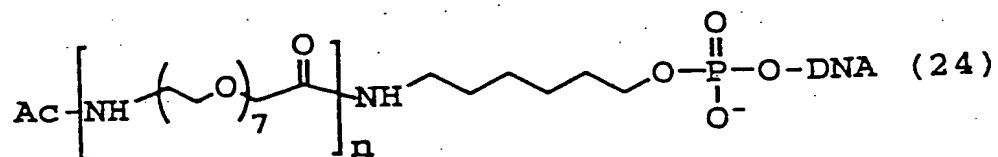


Fig. 7

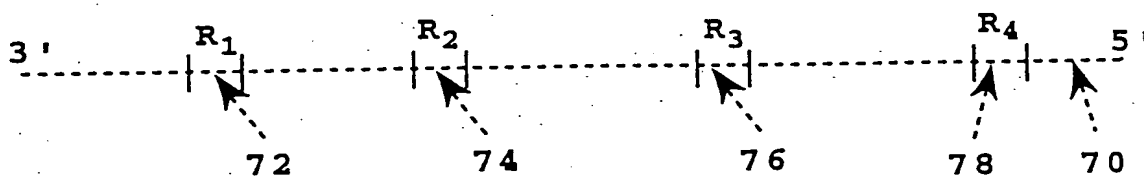


Fig. 8A

↓ PROBE COMPOSITION
↓ ANNEAL

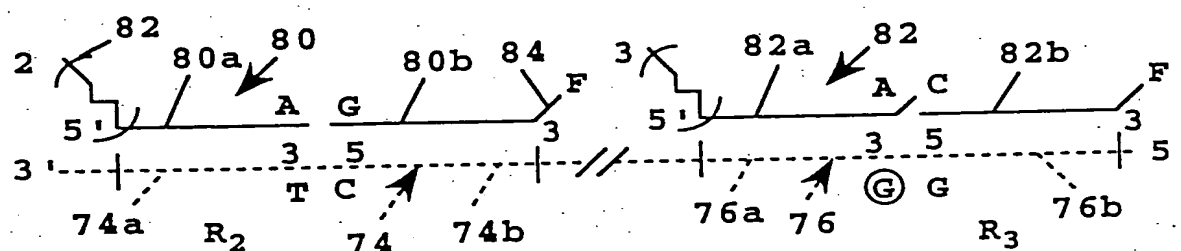


Fig. 8B

LIGAS ↓

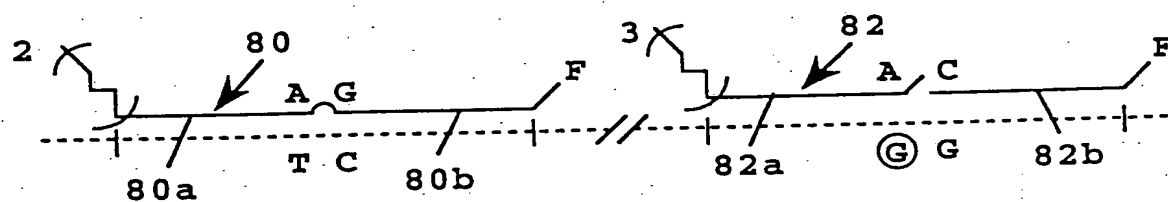


Fig. 8C

↓ DENATURE

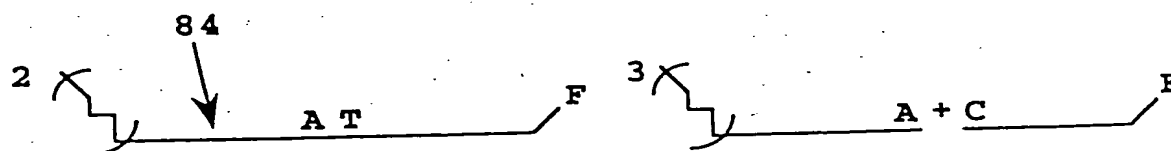


Fig. 8D

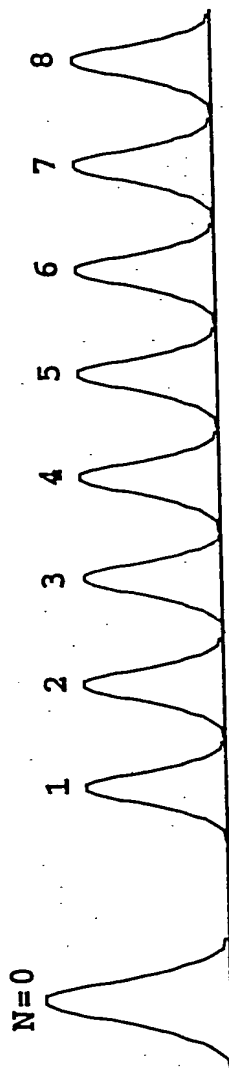


Fig. 9



LIGATE

DENATURE, REANNEAL



LIGATE

DENATURE

REPEAT N-2 TIMES

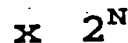
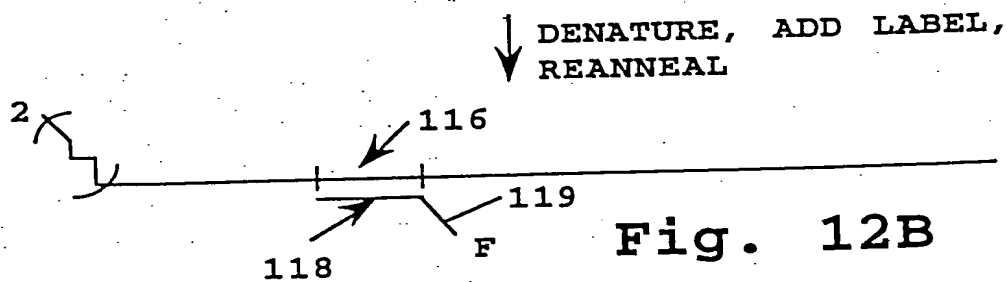
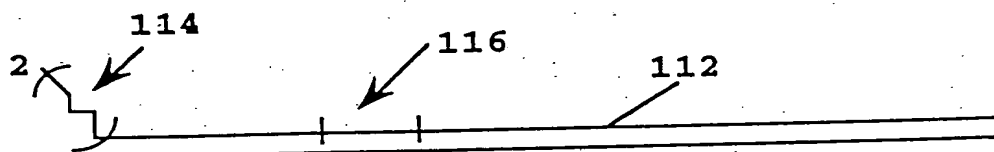
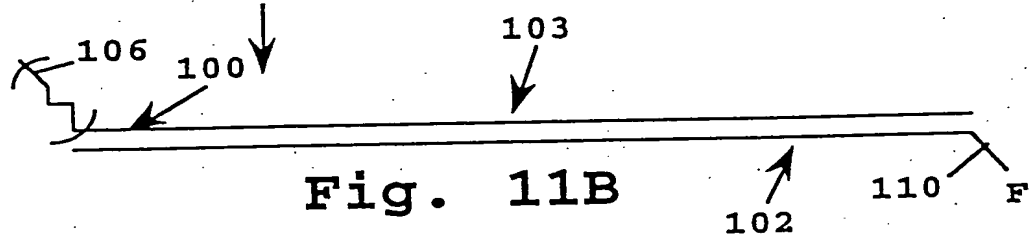
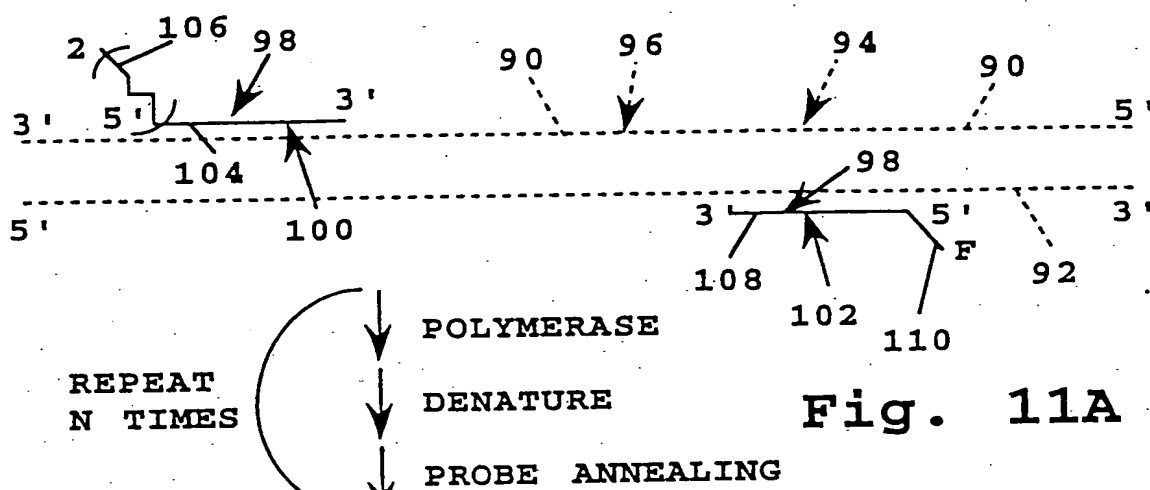
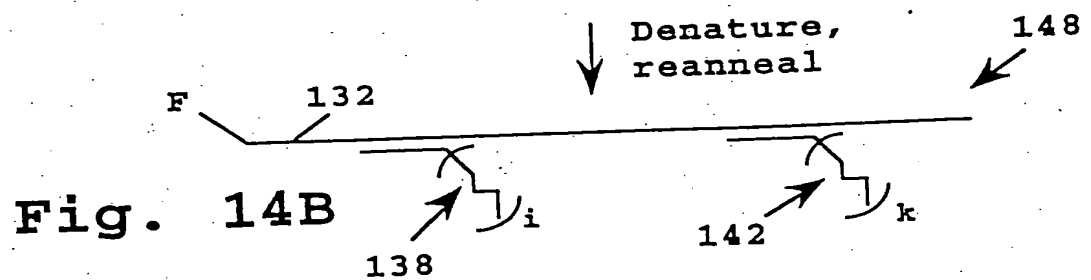
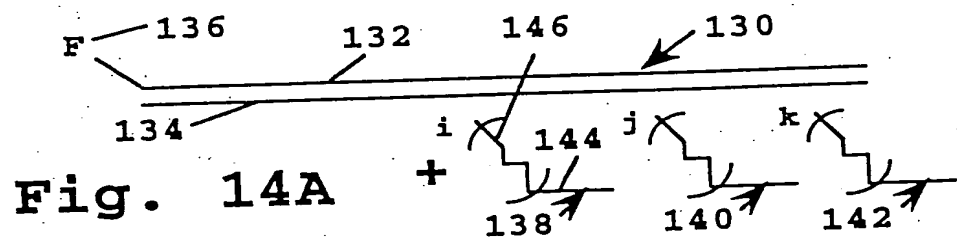
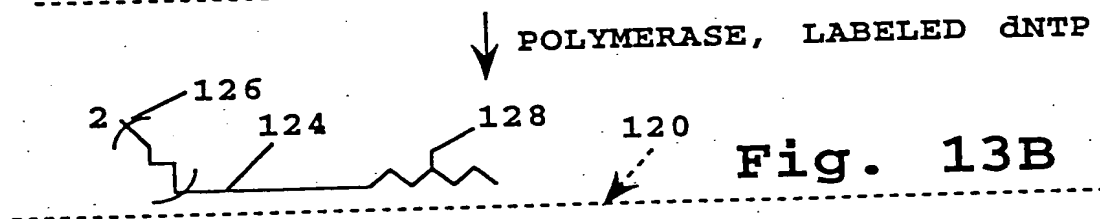
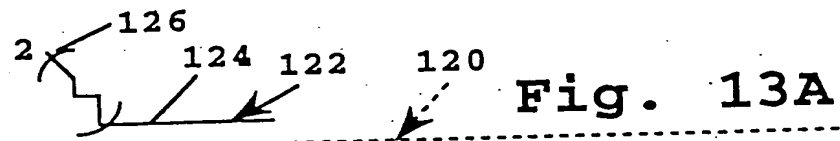


Fig. 10C





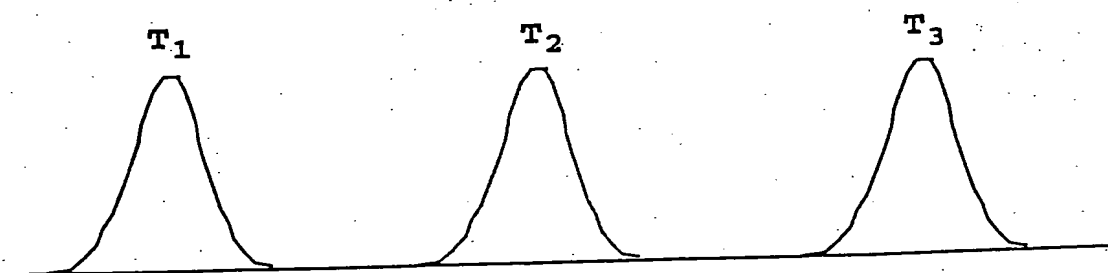
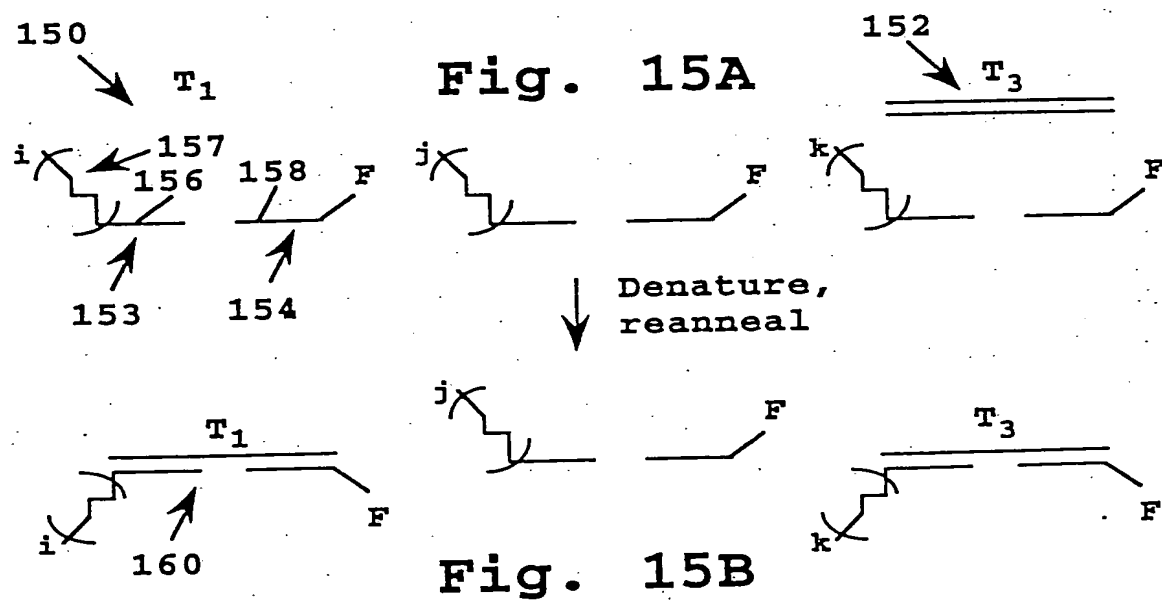


Fig. 15C

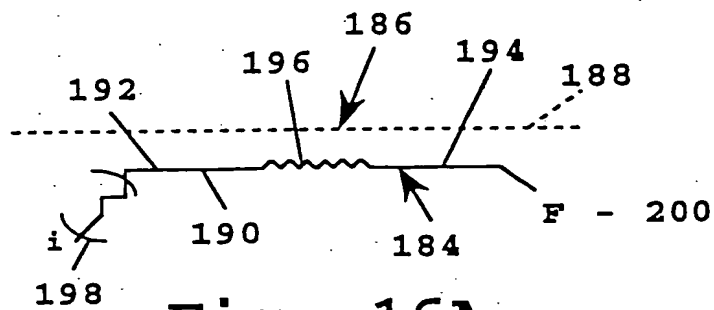


Fig. 16A

RNAase H,
DENATURE

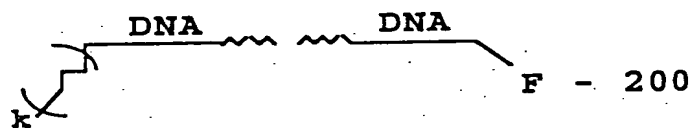


Fig. 16B

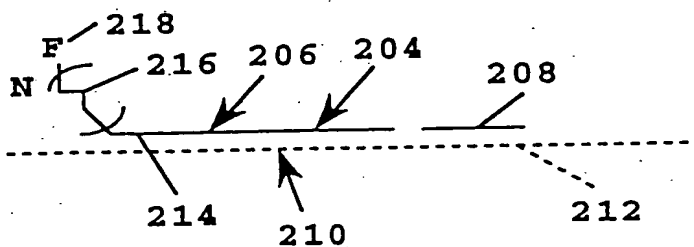


Fig. 17A

LIGATE,
DENATURE

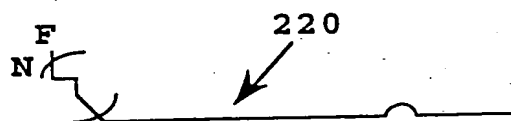
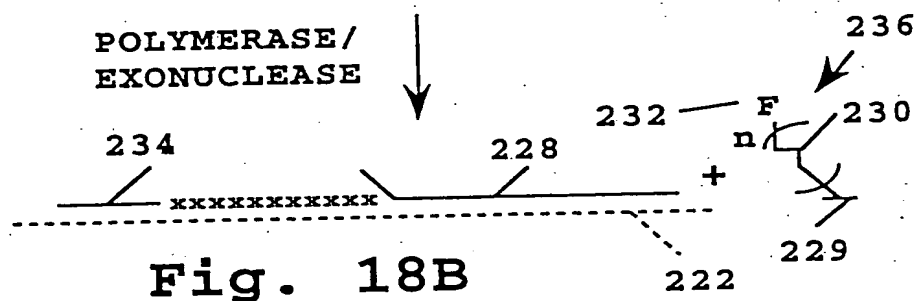
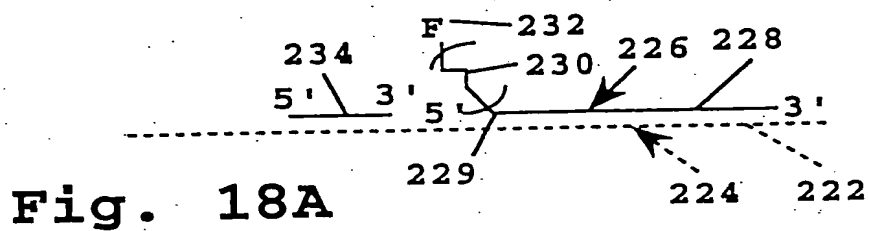
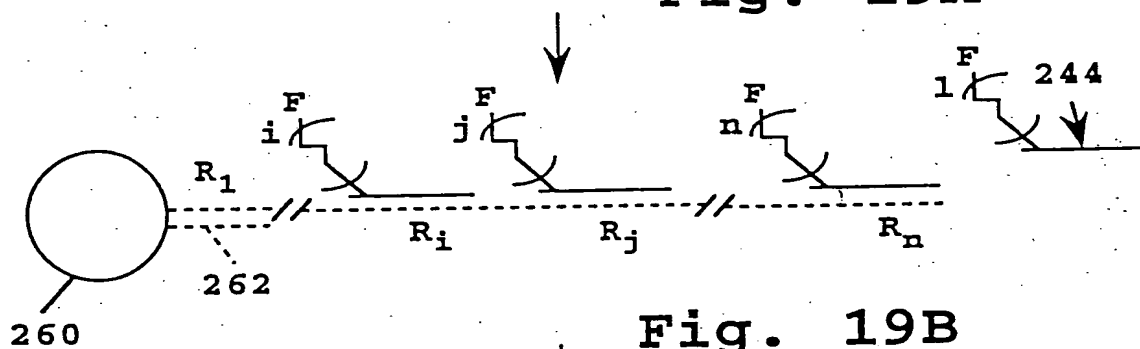
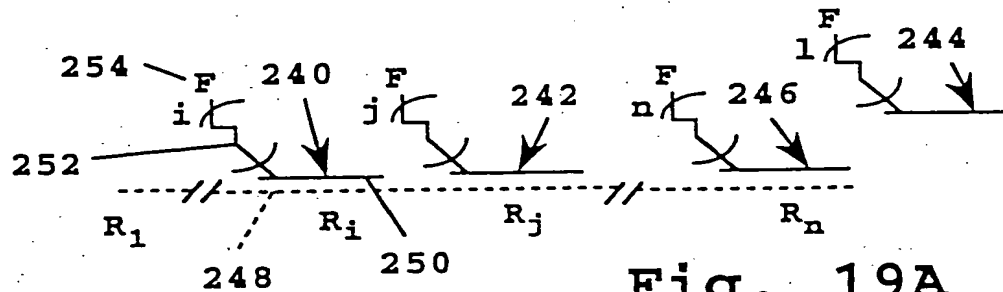


Fig. 17B





WASH, DENATURE

